

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A system comprising:

a portal server for ~~presenting~~ displaying a user customizable page comprising information and a plurality of function links for invoking application functions;

a plurality of applications, wherein each of said plurality of applications performs at least one of the application functions;

a network framework for:

identifying a device accessing said portal server; and

identifying a particular application helper module of a plurality of application helper modules based on a device type of a plurality of device types, wherein said device is of said device type; and

[[a]] said plurality of application helper modules associated with a plurality of implementations of an application for said plurality of device types respectively associated with said plurality of applications, wherein each application helper module is associated with a particular implementation of plurality of implementations of said application and is configured to:

obtain an application link for said particular implementation of said application, and provide said application link to said portal server,

wherein said particular implementation of said application is formatted for said device type, and

wherein said portal server accesses said particular implementation of said application using said application link to provide content from said particular implementation of said application for display on a web page on said device.

~~each application helper module for determining an application link to an associated application;~~

~~wherein said link is of said plurality of links and is provided to said portal server in response to a function requested by said portal server and~~

~~wherein said function is requested of said application helper module; and
a network framework for identifying a particular application helper module based on a
determination of a device accessing said portal server.~~

2. (Currently Amended) [[A]] The system as described in Claim 1₁ wherein said particular application helper module is selected based on predetermined user interface capabilities of said device.
3. (Currently Amended) [[A]] The system as described in Claim 2₁ ~~wherein said particular application helper module is associated with a particular application of said plurality of applications and~~ wherein further said function requested by said portal server is to launch said particular application.
4. (Currently Amended) [[A]] The system as described in Claim 2₁ ~~wherein said particular application helper module is associated with a particular application of said plurality of applications and~~ wherein further said function requested by said portal server is to display information contained in a database record of said ~~particular~~ application.
5. (Currently Amended) [[A]] The system as described in Claim 2₁ ~~wherein said particular application helper module is associated with a particular application of said plurality of applications and wherein further~~ said function requested by said portal server is to modify preferences associated with said particular implementation of said application.
6. (Currently Amended) [[A]] The system as described in Claim 5₁ wherein said link provided by said particular application helper module is null provided said particular application helper module restricts preference modification of said particular implementation of said application.
7. (Currently Amended) [[A]] The system as described in Claim 2₁ wherein said ~~particular~~ application is an electronic mail application.
8. (Currently Amended) [[A]] The system as described in Claim 2₁ wherein said ~~particular~~ application is an electronic calendar application.

9. (Currently Amended) [[A]] The system as described in Claim 2, wherein said ~~particular~~ application is an electronic address book application.
10. (Currently Amended) [[A]] The system as described in Claim 1, wherein said ~~particular~~ application helper module is associated with a class of devices having substantially similar user interface capabilities.
11. (Currently Amended) A method for presenting information on a network system, said method comprising:
- [[a]] based on a determined device type of a device requesting access to a portal server, selecting an appropriate application helper module of a plurality of application helper modules,
wherein said plurality of application helper modules are associated with a plurality of implementations of an application for a plurality of device types,
wherein said appropriate application helper module is associated with a particular implementation of said application of said plurality of implementations, and
wherein said particular implementation of said application is formatted for said device type;
 - [[b]] said portal server requesting a function to be performed of said appropriate application helper module;
 - [[c]] said appropriate application helper module responding to said function by providing a link to said particular implementation of said application to said portal server; and
 - [[d]] said portal server displaying said link to said particular implementation of said application within a user-customizable display; and
said portal server providing content from said particular implementation of said application for display on a web page on said device using said link.
12. (Currently Amended) [[A]] The method as described in Claim 11, wherein said appropriate application helper module is selected based on predetermined user interface capabilities of said device requesting access to said portal server.

13. (Currently Amended) [[A]] The method as described in Claim 12, wherein said function requested by said portal server is to launch said ~~particular~~ application.
14. (Currently Amended) [[A]] The method as described in Claim 12, wherein said function requested by said portal server is to display information contained in a database record of said ~~particular~~ application.
15. (Currently Amended) [[A]] The method as described in Claim 12, wherein said function requested by said portal server is to modify preferences associated with said particular implementation of said application.
16. (Currently Amended) [[A]] The method as described in Claim 15, wherein said link provided by said appropriate application helper module is null provided said appropriate application helper module restricts preference modification of said particular implementation of said application.
17. (Currently Amended) [[A]] The method as described in Claim 12, wherein said ~~particular~~ application is an electronic mail application.
18. (Currently Amended) [[A]] The method as described in Claim 12, wherein said ~~particular~~ application is an electronic calendar application.
19. (Currently Amended) [[A]] The method as described in Claim 12, wherein said ~~particular~~ application is an electronic address book application.
20. (Currently Amended) [[A]] The method as described in Claim 11, wherein said appropriate application helper module is associated with a class of devices having substantially similar user interface capabilities.

21. (Currently Amended) A method for device specific optimization of applications via a portal server comprising:

determining a device type of a device requesting a function to be performed by a portal server;

selecting an appropriate application helper module from a plurality of application helper modules,

wherein said plurality of application helper modules are associated with a plurality of implementations of an application for a plurality of device types,

wherein said appropriate application helper module is associated with a particular implementation of said application of said plurality of implementations,

wherein said appropriate application helper is selected based upon said device type of the device requesting said function, and

wherein said particular implementation of said application is formatted for said device type;

receiving a function request;

said appropriate application helper module responding to said function by providing a link to said particular implementation of said application to said portal server; and

said portal server accessing said particular implementation of said application using said link, wherein accessing said particular implementation of said application comprises:
obtaining content from said particular implementation of said application using said link; and

providing said content from said particular implementation of said application for display on a web page on said device.

22. (Currently Amended) [[A]] The method as described in Claim 21, wherein said appropriate application helper module is selected based on predetermined user interface capabilities of said device requesting access to said portal server.

23. (Currently Amended) [[A]] The method as described in Claim 22, wherein said function requested by said portal server is to launch said ~~particular~~ application.
24. (Currently Amended) [[A]] The method as described in Claim 22, wherein said function requested by said portal server is to display information contained in a database record of said ~~particular~~ application.
25. (Currently Amended) [[A]] The method as described in Claim 22, wherein said function requested by said portal server is to modify preferences associated with said particular implementation of said application.
26. (Currently Amended) [[A]] The method as described in Claim 25, wherein said link provided by said appropriate application helper module is null provided said appropriate application helper module restricts preference modification of said particular implementation of said application.
27. (Currently Amended) [[A]] The method as described in Claim 22, wherein said ~~particular~~ application is an electronic mail application.
28. (Currently Amended) [[A]] The method as described in Claim 22, wherein said ~~particular~~ application is an electronic calendar application.
29. (Currently Amended) [[A]] The method as described in Claim 22, wherein said ~~particular~~ application is an electronic address book application.
30. (Currently Amended) [[A]] The method as described in Claim 21, wherein said appropriate application helper module is associated with a class of devices having substantially similar user interface capabilities.